

SAFETY DATA SHEET

CD PRODUCTS INC
918 N UNION ST
APPLETON, WI 54911
920-739-8685

SECTION 1: CHEMICAL AND MANUFACTURER IDENTIFICATION #2310 ARISTOTHANE WATER BASED URETHANE PART B

C.D. PRODUCTS INC.
918 N UNION ST
APPLETON, WI 54911

Because many of the conditions are within the user's knowledge and control, it is essential that the user evaluate and determine whether the product is suitable and appropriate for a particular use and intended application, and complies with all local applicable laws, regulations, standards, and guidance.

SECTION 2: HAZARD(S) IDENTIFICATION GHS Classification Scale 1=Severe Hazard; 4=Slight Hazard

GHS Ratings:

Respiratory sensitizer 1	Respiratory sensitizer
Skin sensitizer 1	Skin sensitizer
Organ toxin single exposure 3	Transient target organ effects- Narcotic effects- Respiratory tract irritation
Organ toxin repeated exposure 2	Presumed to be harmful to human health- Animal studies with significant toxic effects relevant to humans at generally moderate exposure (guidance)- Human evidence in exceptional cases

GHS Hazards

H317 May cause an allergic skin reaction
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
H336 May cause drowsiness or dizziness
H373 May cause damage to organs through prolonged or repeated exposure

GHS Precautions

P260 Do not breathe dust/fume/gas/mist/vapours/spray
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P271 Use only outdoors or in a well-ventilated area
P272 Contaminated work clothing should not be allowed out of the workplace
P280 Wear protective gloves, protective clothing, eye protection, face protection
P285 In case of inadequate ventilation wear respiratory protection
P312 Call a POISON CENTER or doctor/physician if you feel unwell
P314 Get Medical advice/attention if you feel unwell
P321 Specific treatment (see first aid section on this label/SDS)
P363 Wash contaminated clothing before reuse
P302+P352 IF ON SKIN: Wash with soap and water
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P333+P313 If skin irritation or a rash occurs: Get medical advice/attention
P342+P311 Call a POISON CENTER or doctor/physician
P405 Store locked up
P403+P233 Store in a well ventilated area. Keep container tightly closed.
P501 Dispose of contents / container to an approved waste disposal facility

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Danger

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name / CAS No.

OSHA Exposure Limits

ACGIH Exposure Limits

Other Exposure Limits

Hexamethylene diisocyanate homopolymer

28182-81-2

70 to 80%

Vapor Pressure: .000075 mmHg

SECTION 4: FIRST AID MEASURES

Inhalation: Move affected person to fresh air. If breathing has stopped, administer CPR. If the person vomits, clean the airway and turn their head to the side to prevent choking. If the person is unconscious but breathing, place them stably on their left side in the recovery position. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Eyes: Flush eyes gently with clean water for at least 15 minutes. If irritation persists, seek immediate medical attention.

Skin: Remove any contaminated clothing using appropriate gloves. Rinse skin thoroughly for 15 minutes in a shower or with a hose. Seek immediate medical attention.

Ingestion: Rinse mouth with water to remove any residual chemical. If the person vomits, clean their airway and turn their head to the side to prevent choking. DO NOT induce vomiting and DO NOT give them anything to drink unless directed to do so by a physician. If the person is unconscious but breathing, place them stably on their left side in recovery position. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Notes to Physician - Treat symptomatically. No specific antidote available

SECTION 5: FIREFIGHTING MEASURES

LEL: N/A

UEL: N/A

Suitable Extinguishing Media: Foam Carbon Dioxide (CO2) Dry Chemical

Specific Hazards During Firefighting: Prevent firefighting run-off from entering drains or sewers.

Byproducts of Combustion: Fires involving this product may release oxides of carbon and nitrogen, reactive hydrocarbons, and irritating vapors.

Unusual Fire and Explosion Hazards: Any closed container may rupture when exposed to extreme heat. Use a water spray to cool sealed containers. Solvent vapors are heavier than air and can travel along the ground.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Spill / Leak Clean-Up Procedures:

Immediately turn off or isolate any source of ignition (pilot lights, electrical equipment, flames, heaters, etc.). Evacuate area and ventilate. Personnel wearing proper protective equipment should contain spill immediately with inert materials (sand, earth, chemical spill pads of cotton) by forming dikes. Dikes should be placed to contain spill in a manner that will prevent material from entering sewers and waterways. Large spills, once contained, may be picked up using explosion proof, non-sparking vacuum pumps, shovels, or buckets, and disposed of in suitable containers. If a large spill occurs notify the appropriate authorities. In case of road spill or accident contact CHEMTREC (800-424-9300).

CAUTION: If spilled material is cleaned up using a regulated solvent, the resulting waste mixture will also be regulated.

Do not empty into drains. All disposal must comply with federal, state, and local regulations. The material, if spilled or discarded, may be a regulated waste. Refer to state and local regulations. Department of Transportation (DOT) regulations may apply for transporting this material when spilled. See Section 14.

SECTION 7: HANDLING AND STORAGE

Handling Precautions:

Open containers carefully and in a well ventilated area, and use appropriate respiratory protection. Wash hands thoroughly after handling. Keep containers closed when not in use. Do not transfer to unmarked containers. Empty containers contain product residue which may exhibit hazardous properties therefore, do not pressurize, cut, glaze, weld or use for any other purpose. Return drums to reclamation center for proper cleaning and reuse.

Storage Requirements:

Store in a cool, dry, well ventilated area. Keep containers tightly closed and store away from heat, sparks, open flame or oxidizing materials. Extended storage at excessive temperatures may produce odorous and toxic fumes from product decomposition.

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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Other Exposure Limits

ACGIH Exposure Limits

OSHA Exposure Limits

Chemical Name / CAS No.

Hexamethylene diisocyanate homopolymer

28182-81-2

Engineering Controls: Avoid creating dust or mist. Local exhaust ventilation, process enclosures, or other engineering controls are required when handling or using this product to avoid over exposure. Use explosion-proof ventilation equipment. Do not use in closed or confined spaces. Keep all levels below exposure limits. Perform regular monitoring to ensure exposure limits are not exceeded.

Personal Protective Equipment (PPE):

Respiratory Protection - Do not breathe vapors. When concentrations exceed the established limits, wear an appropriate, properly fitted respirator (NIOSH/MSHA) until vapors are exhausted. Observe OSHA standard 29 CFR 1910.134 and ANSI Z88.2 requirements whenever workplace conditions require a respirators use.

Hand Protection - Wear appropriate protective gloves and clothing to prevent skin exposure. Gloves must be inspected prior to use. Use proper glove removal technique (without touching gloves outer surface) to avoid skin contact with this product.

Eye Protection - Use safety eyewear with splash guards or side shields. Use additional eye protection such as chemical safety goggles when the possibility for eye contact from splashing, spraying liquid, or airborne material exists.

Skin Protection - Avoid contact with this product. Wear appropriate protective gloves and clothing to prevent skin exposure.

Use proper glove and clothing removal techniques to avoid skin contact with this product. When handling large quantities, eye wash stations and deluge showers should be available.

Hygiene Measures:

General - When using do not eat or drink. Wash hands with soap and water before breaks and at the end of each workday.

Contaminated Equipment - Avoid contact with contaminated clothing and protective gear/equipment. Wash before reuse.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

This mixture typically exhibits the following properties under normal circumstances:

Light Yellow Liquid **Appearance**

Slight **Odor**

Liquid

Physical State 1.153 **Specific Gravity (SG)**

0.00 **Lbs VOC/Gallon Less Water**

365 **F Flash point:**

0.00 **g VOC/L Less Water**

N/A **Boiling range:**

SECTION 10: STABILITY AND REACTIVITY

Product Stability (under normal conditions):

STABLE

Incompatible Materials: Strong acids, strong bases, oxidizing agents

Hazardous Decomposition Products: Carbon Dioxide (CO₂), Carbon Monoxide (CO), Oxides of Nitrogen (NO_x), dense black smoke

Hazardous polymerization will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

Mixture Toxicity

Inhalation Toxicity: 23.13mg/L

Component Toxicity

Principle Routes of Exposure:

Inhalation Skin Contact Eye Contact Ingestion

May cause damage to the following organs:

Kidneys Liver Lungs Skin Cardiovascular System

Effects of Overexposure

Carcinogenicity: The following chemicals comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing) or ACGIH (optional listing):

Carcinogen Rating

CAS Number

Description

% Weight

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SECTION 12: ECOLOGICAL INFORMATION

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Persistence and Degradability: No data available

Component Ecotoxicity

SECTION 13: DISPOSAL CONSIDERATIONS

Do not discharge product into sewer system. Dispose of in a licensed facility. Waste management should be in full compliance with federal, state, and local laws.

The transportation, storage, treatment and disposal of RCRA waste material must be conducted in compliance with 40 CFR 262, 263, 264, 268 and 270. Chemical additions, processing, or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate or otherwise inappropriate.

SECTION 14: TRANSPORT INFORMATION

This material is classified for transport as follows:

Hazard Class

Packing Group

UN Number

Proper Shipping Name

Agency U.S. DOT Not Regulated

SECTION 15: REGULATORY INFORMATION

Additional regulatory listings where applicable

TSCA Substance Control Act (TSCA) All substances except those listed below appear in the Toxic Substances Control Act, Chemical Substance Inventory:

- None

SECTION 16: OTHER INFORMATION

Disclaimer: The Volatile Organic Compound (VOC) content reported herein, if any, is based on a material VOC calculation.

Several methods are used for the calculation of VOC content, and the standards and requirements regarding VOC content vary by location or jurisdiction.

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